

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012521\
 Data File : VN065583.D
 Acq On : 25 Jan 2021 17:46
 Operator : JC/MD
 Sample : PB134285ZHE#03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 26 01:48:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

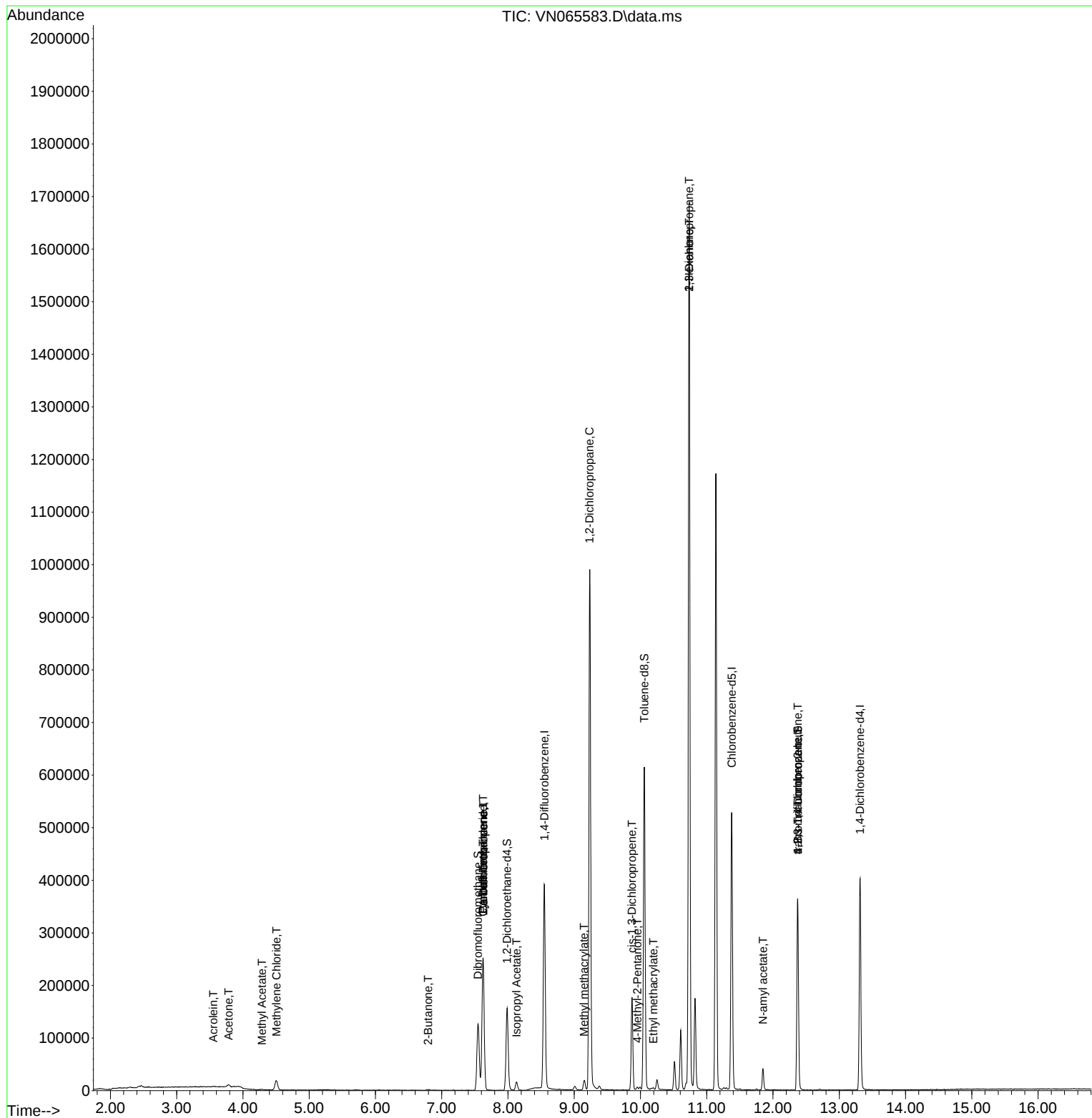
Internal Standards						
1) Pentafluorobenzene	7.624	168	201838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	352025	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	307687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	112037	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	130389	49.10	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.20%		
35) Dibromofluoromethane	7.547	113	102814	49.29	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.58%		
50) Toluene-d8	10.058	98	438083	53.42	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.84%		
62) 4-Bromofluorobenzene	12.373	95	146564	49.64	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.28%		
Target Compounds						Qvalue
13) Acrolein	3.553	56	98	18.30	ug/l #	81
16) Acetone	3.782	43	6196	5.99	ug/l	89
18) Methyl Acetate	4.287	43	1254	0.43	ug/l #	51
20) Methylene Chloride	4.505	84	13313	4.65	ug/l	96
25) 2-Butanone	6.794	43	574	0.35	ug/l #	46
31) Cyclohexane	7.621	56	4315	0.86	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	16383	4.62	ug/l #	48
38) Carbon Tetrachloride	7.624	117	19754	6.77	ug/l #	16
43) Isopropyl Acetate	8.129	43	20362	3.38	ug/l #	88
45) 1,2-Dichloropropane	9.232	63	1034	0.35	ug/l #	44
48) Methyl methacrylate	9.148	41	4877	1.71	ug/l #	10
51) 4-Methyl-2-Pentanone	9.952	43	3696	1.11	ug/l	96
54) cis-1,3-Dichloropropene	9.872	75	33826	7.39	ug/l #	57
56) Ethyl methacrylate	10.196	69	2427	0.60	ug/l #	44
57) 1,3-Dichloropropane	10.733	76	17430	4.05	ug/l #	43
59) 2-Hexanone	10.733	43	241978	104.91	ug/l #	50
74) N-amyl acetate	11.849	43	13299	3.21	ug/l #	51
76) 1,2,3-Trichloropropane	12.373	75	69215	23.63	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	69215	60.51	ug/l #	12

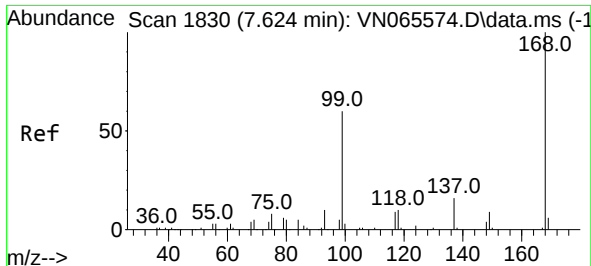
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration

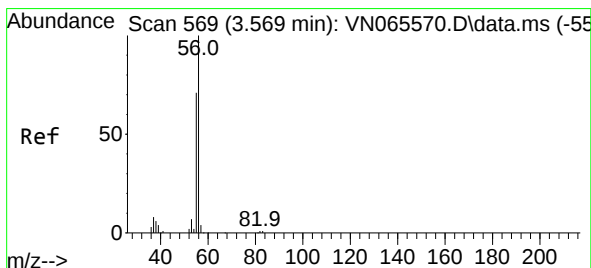
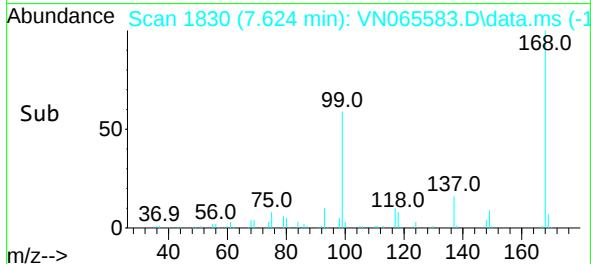
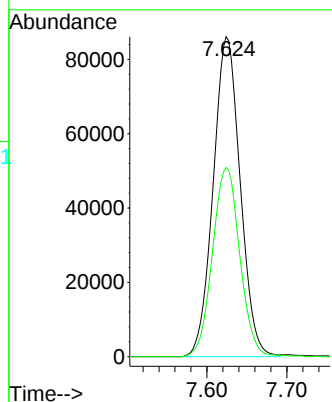
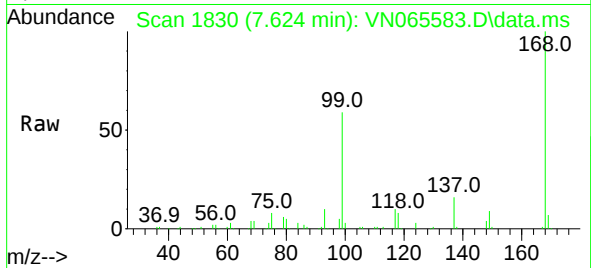




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065583.D
Acq: 25 Jan 2021 17:46

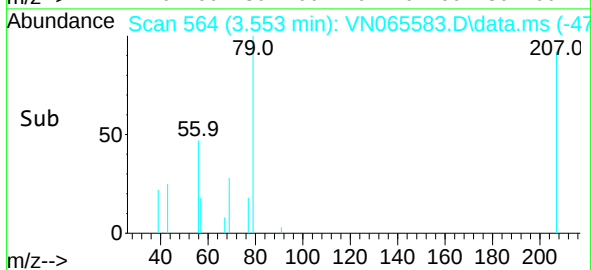
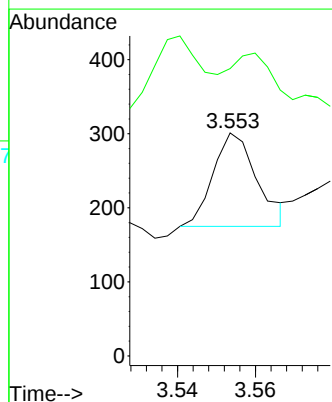
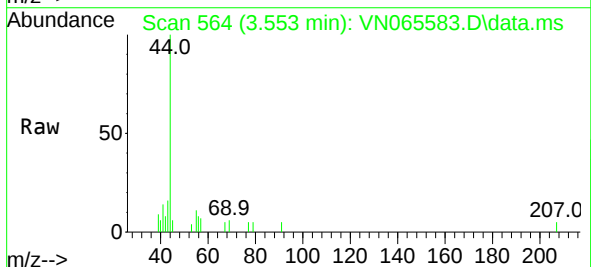
Instrument :
MSVOA_N
ClientSampled :

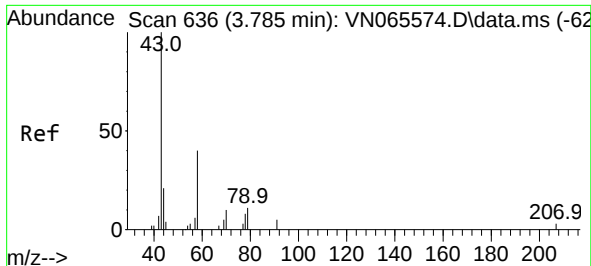
Tgt Ion:168 Resp: 201838
Ion Ratio Lower Upper
168 100
99 59.1 42.6 63.8



#13
Acrolein
Concen: 18.30 ug/l
RT: 3.553 min Scan# 564
Delta R.T. -0.016 min
Lab File: VN065583.D
Acq: 25 Jan 2021 17:46

Tgt Ion: 56 Resp: 98
Ion Ratio Lower Upper
56 100
55 85.7 56.0 84.0#

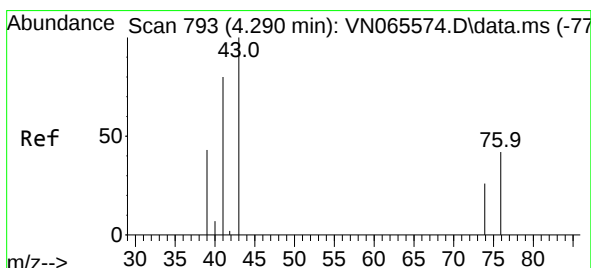
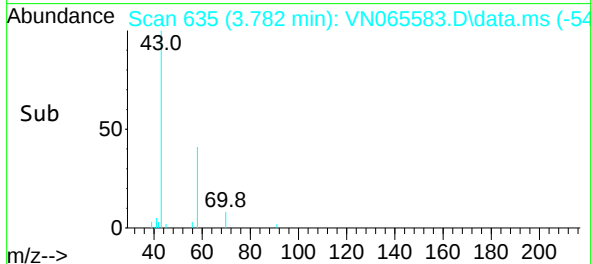
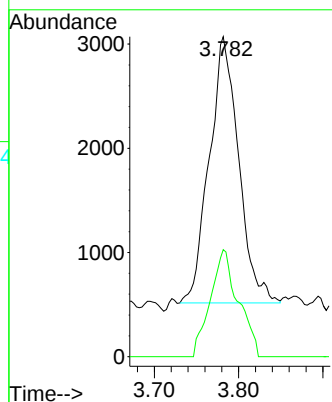
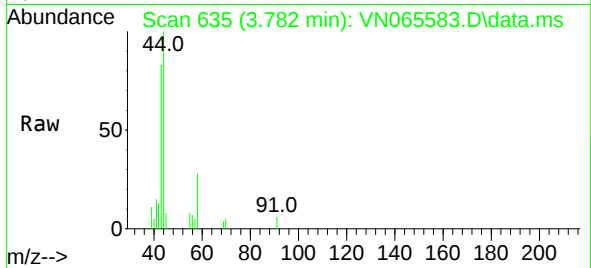




#16
Acetone
Concen: 5.99 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065583.D
Acq: 25 Jan 2021 17:46

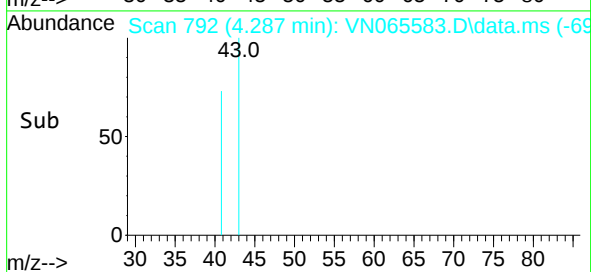
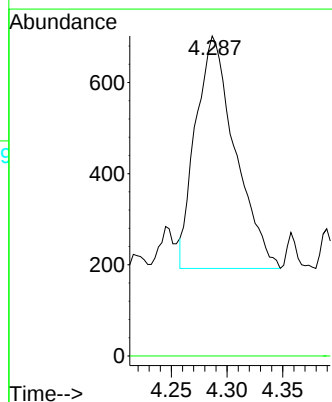
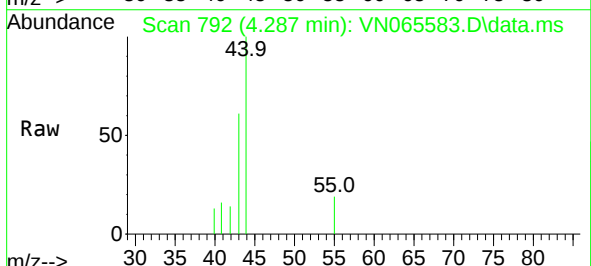
Instrument :
MSVOA_N
ClientSampled :

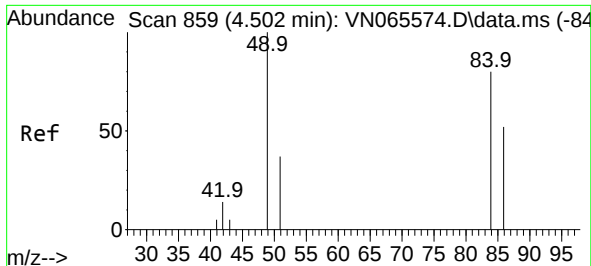
Tgt Ion: 43 Resp: 6196
Ion Ratio Lower Upper
43 100
58 40.2 27.0 40.6



#18
Methyl Acetate
Concen: 0.43 ug/l
RT: 4.287 min Scan# 792
Delta R.T. 0.004 min
Lab File: VN065583.D
Acq: 25 Jan 2021 17:46

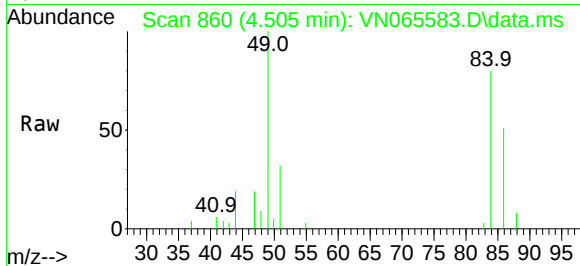
Tgt Ion: 43 Resp: 1254
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



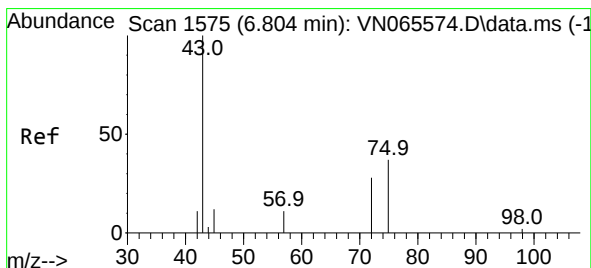
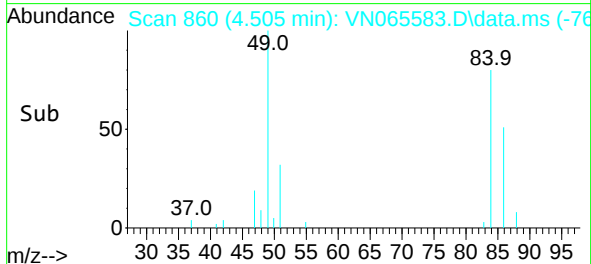
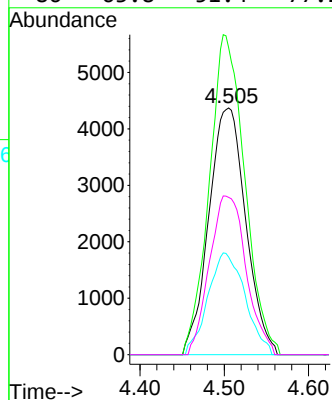


#20
Methylene Chloride
Concen: 4.65 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN065583.D
Acq: 25 Jan 2021 17:46

Instrument :
MSVOA_N
ClientSampled :

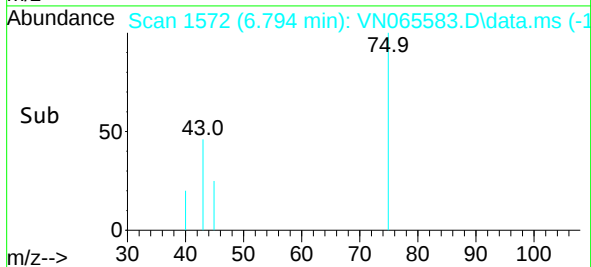
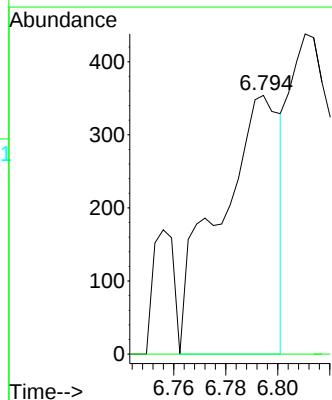
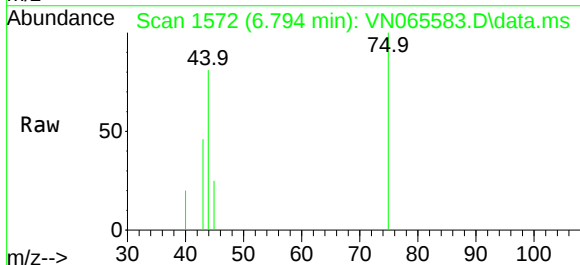


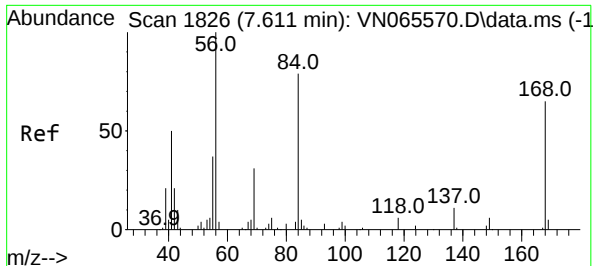
Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.4	94.6	141.8
51	39.6	29.9	44.9
86	63.8	51.4	77.2



#25
2-Butanone
Concen: 0.35 ug/l
RT: 6.794 min Scan# 1572
Delta R.T. 0.003 min
Lab File: VN065583.D
Acq: 25 Jan 2021 17:46

Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.1	34.7#





#31

Cyclohexane

Concen: 0.86 ug/l

RT: 7.621 min Scan# 1829

Delta R.T. 0.010 min

Lab File: VN065583.D

Acq: 25 Jan 2021 17:46

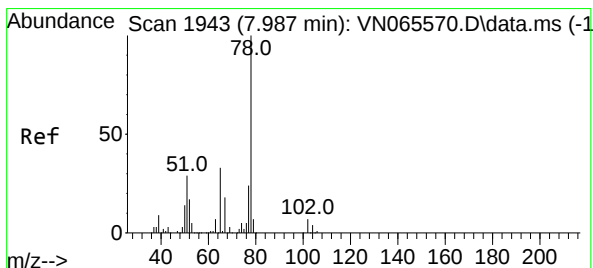
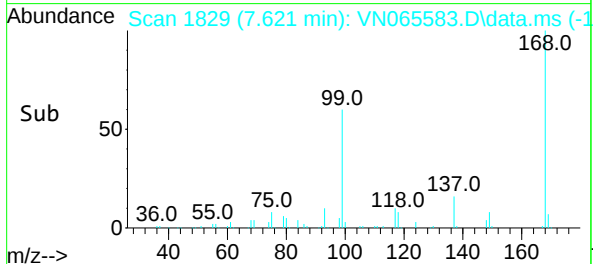
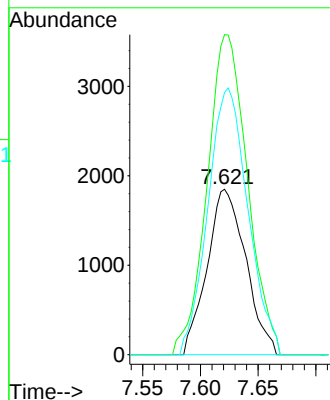
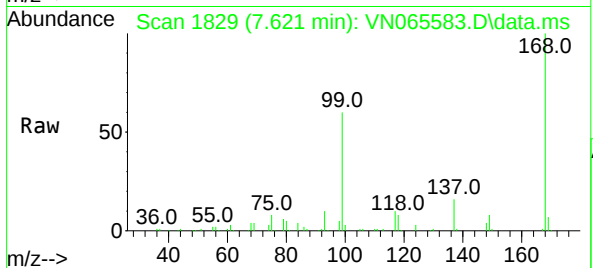
Tgt Ion: 56 Resp: 4315

Ion Ratio Lower Upper

56 100

69 193.4 26.6 39.8#

84 158.4 70.4 105.6#



#33

1,2-Dichloroethane-d4

Concen: 49.10 ug/l

RT: 7.987 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN065583.D

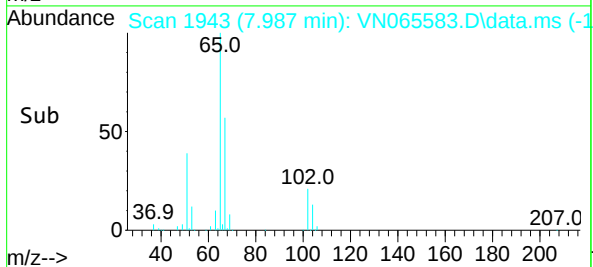
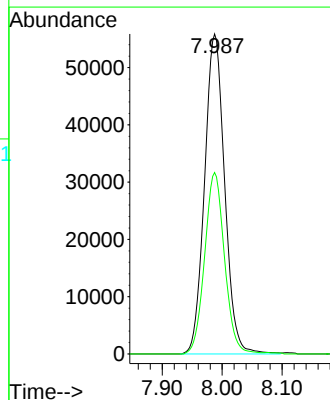
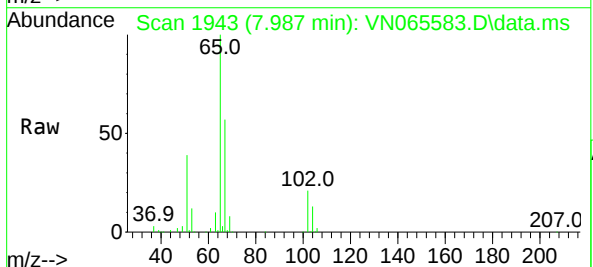
Acq: 25 Jan 2021 17:46

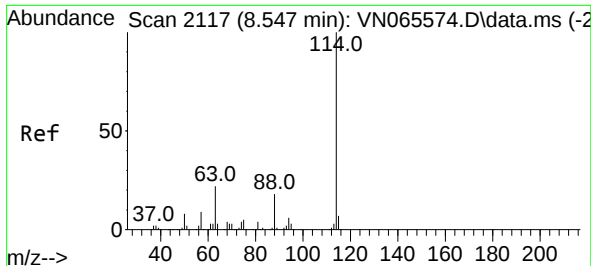
Tgt Ion: 65 Resp: 130389

Ion Ratio Lower Upper

65 100

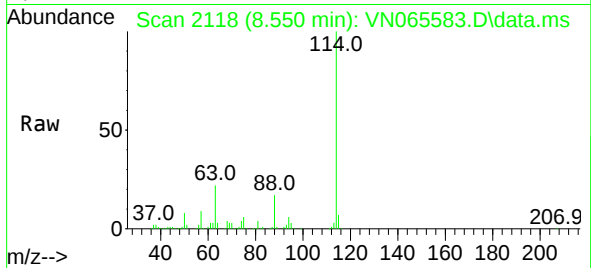
67 56.0 0.0 107.2



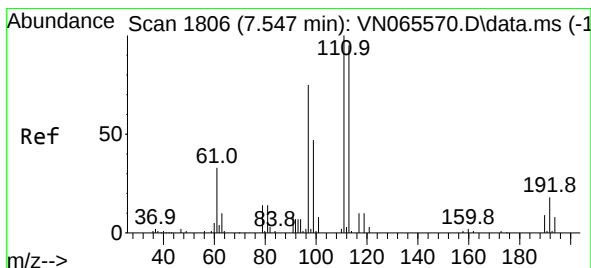
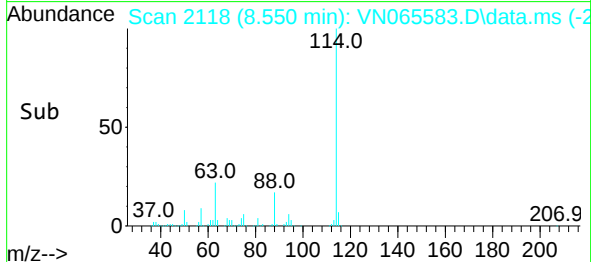
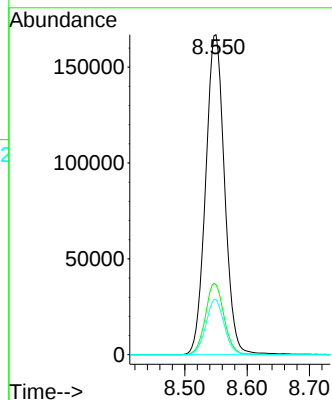


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065583.D
Acq: 25 Jan 2021 17:46

Instrument :
MSVOA_N
ClientSampled :

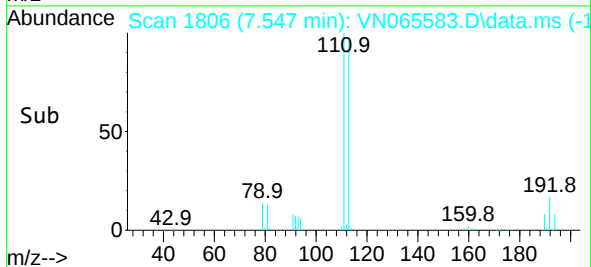
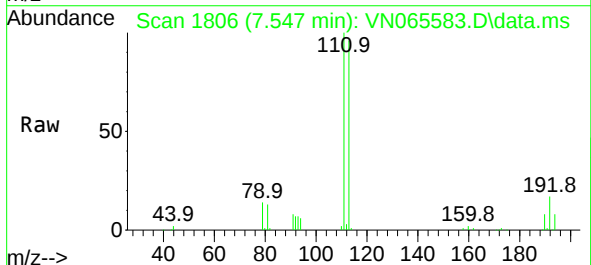
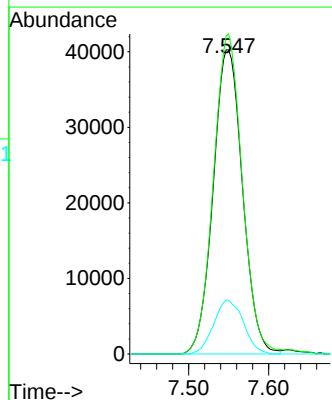


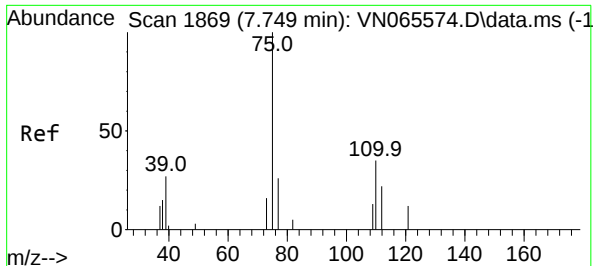
Tgt Ion:114 Resp: 352025
Ion Ratio Lower Upper
114 100
63 21.9 0.0 38.6
88 17.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.29 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065583.D
Acq: 25 Jan 2021 17:46

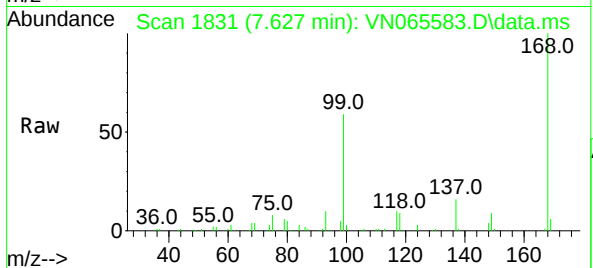
Tgt Ion:113 Resp: 102814
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 17.9 15.4 23.0



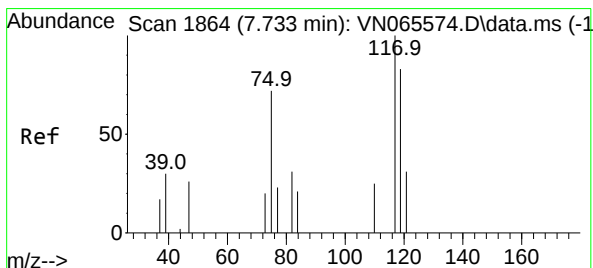
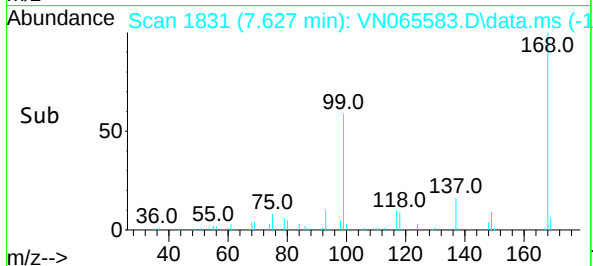
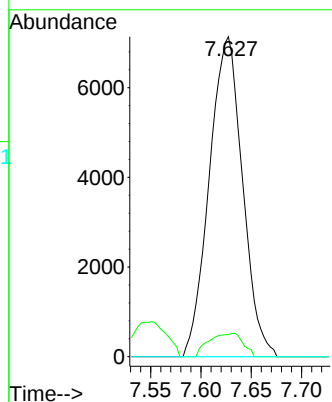


#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.122 min
Lab File: VN065583.D
Acq: 25 Jan 2021 17:46

Instrument :
MSVOA_N
ClientSampled :

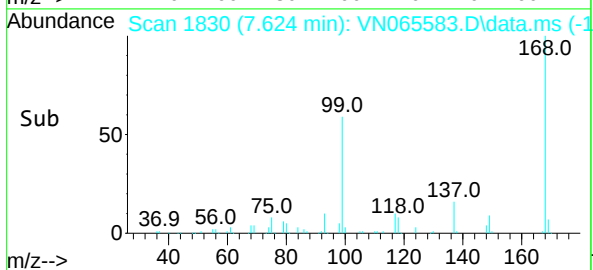
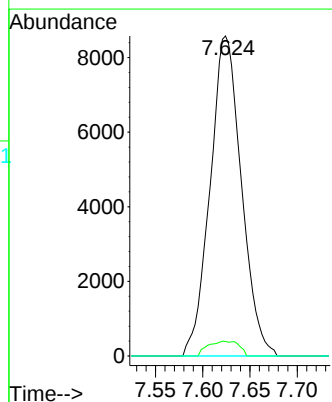
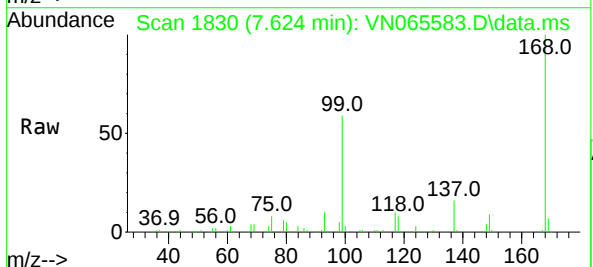


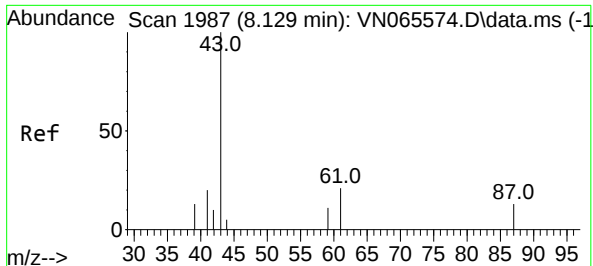
Tgt Ion: 75 Resp: 16383
Ion Ratio Lower Upper
75 100
110 7.5 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.77 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065583.D
Acq: 25 Jan 2021 17:46

Tgt Ion: 117 Resp: 19754
Ion Ratio Lower Upper
117 100
119 4.5 76.0 114.0#
121 0.0 24.5 36.7#



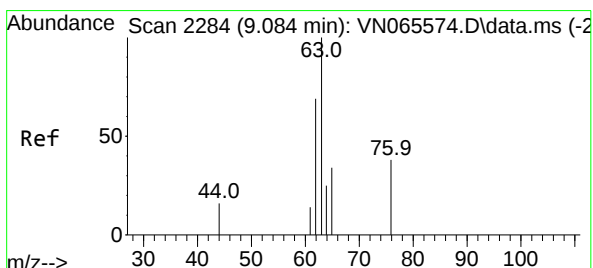
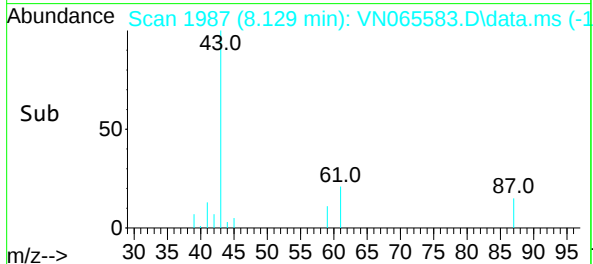
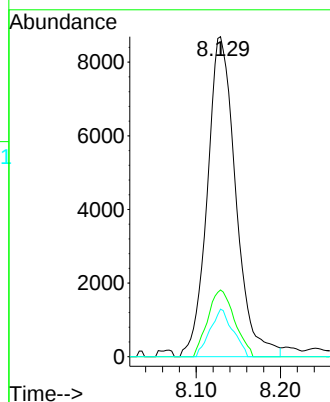
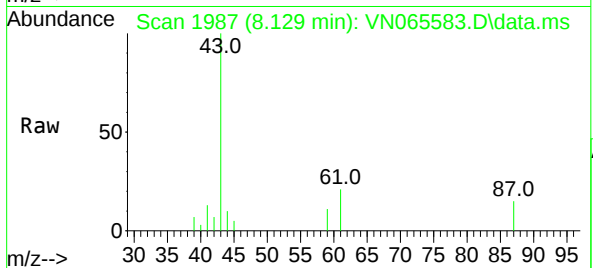


#43

Isopropyl Acetate
 Concen: 3.38 ug/l
 RT: 8.129 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VN065583.D
 Acq: 25 Jan 2021 17:46

Instrument :
 MSVOA_N
 ClientSampled :

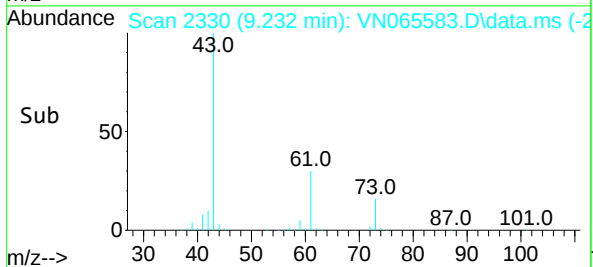
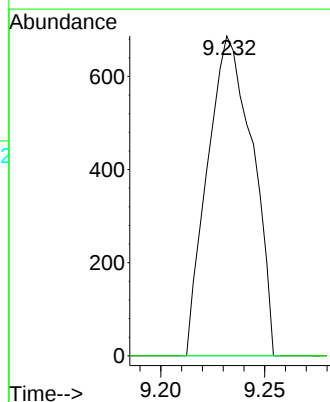
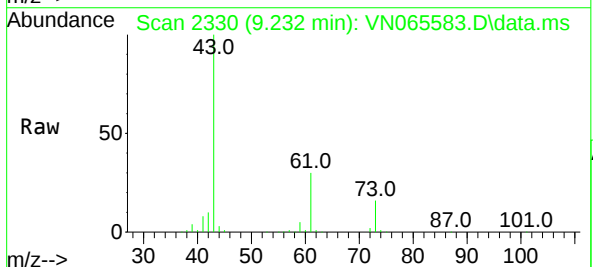
Tgt Ion:	43	Resp:	20362
Ion Ratio	Lower	Upper	
43	100		
61	19.6	22.5	33.7#
87	11.9	11.1	16.7

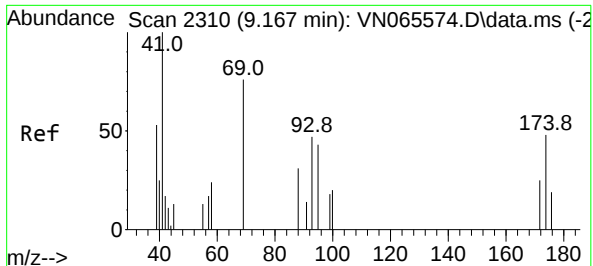


#45

1,2-Dichloropropane
 Concen: 0.35 ug/l
 RT: 9.232 min Scan# 2330
 Delta R.T. 0.148 min
 Lab File: VN065583.D
 Acq: 25 Jan 2021 17:46

Tgt Ion:	63	Resp:	1034
Ion Ratio	Lower	Upper	
63	100		
65	0.0	24.9	37.3#

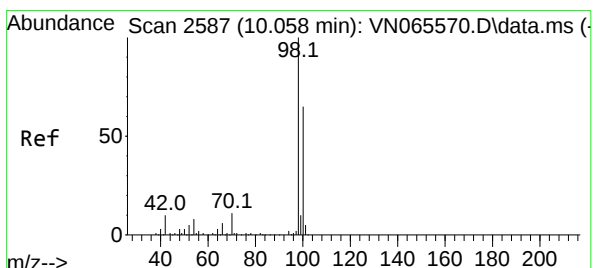
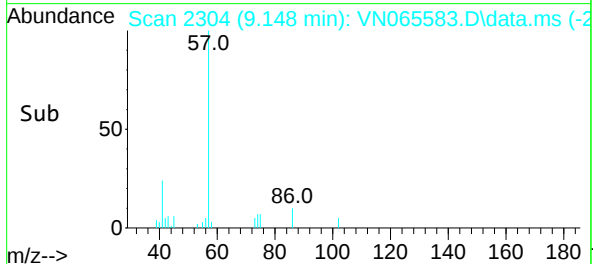
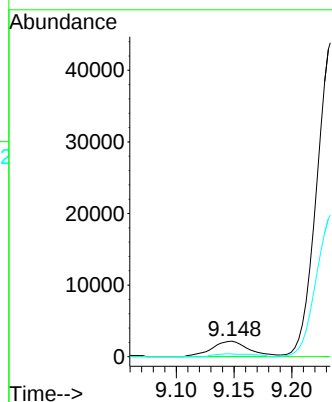
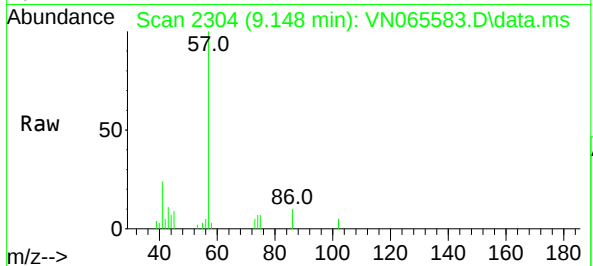




#48
Methyl methacrylate
Concen: 1.71 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065583.D
Acq: 25 Jan 2021 17:46

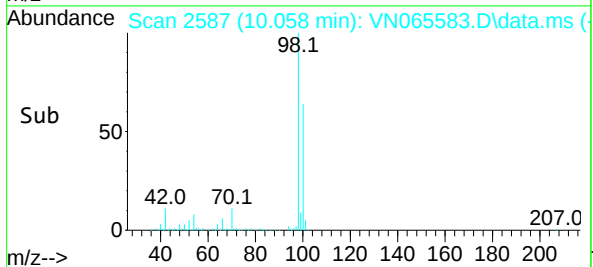
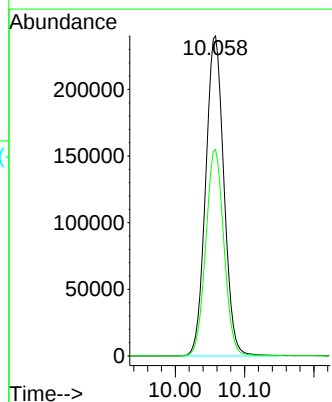
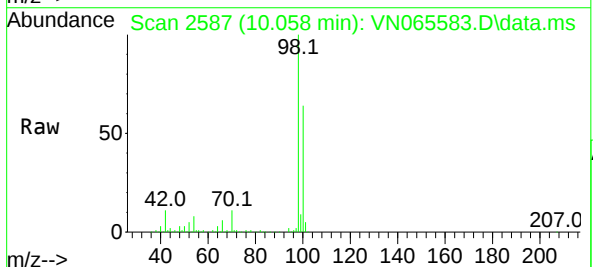
Instrument :
MSVOA_N
ClientSampled :

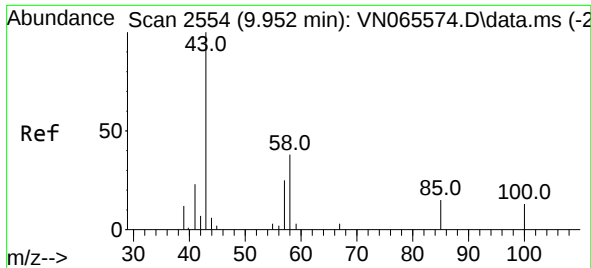
Tgt Ion: 41 Resp: 4877
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 53.42 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065583.D
Acq: 25 Jan 2021 17:46

Tgt Ion: 98 Resp: 438083
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7

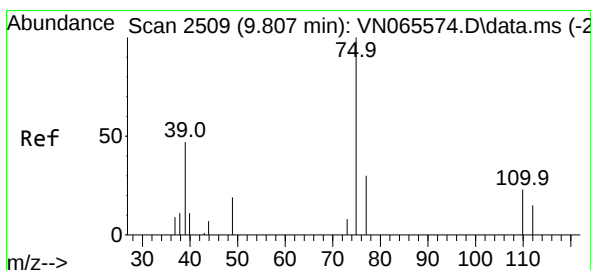
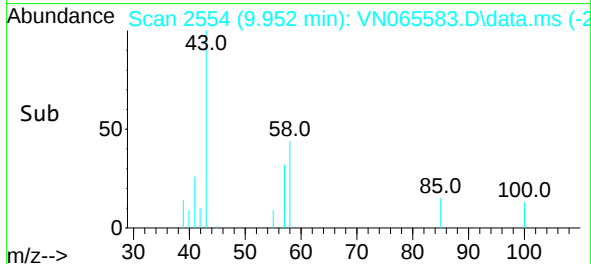
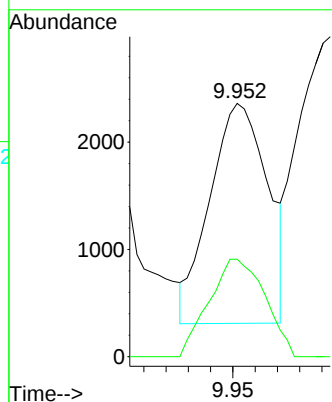
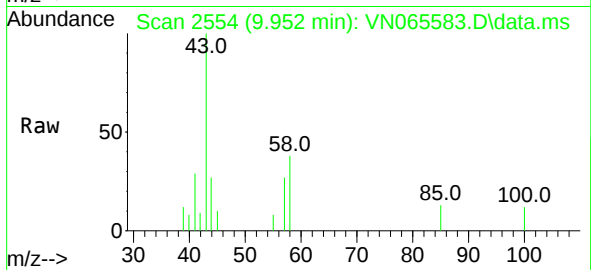




#51
4-Methyl-2-Pentanone
Concen: 1.11 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.000 min
Lab File: VN065583.D
Acq: 25 Jan 2021 17:46

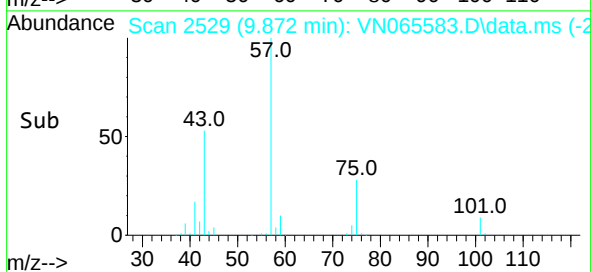
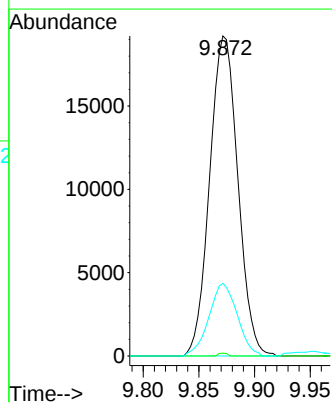
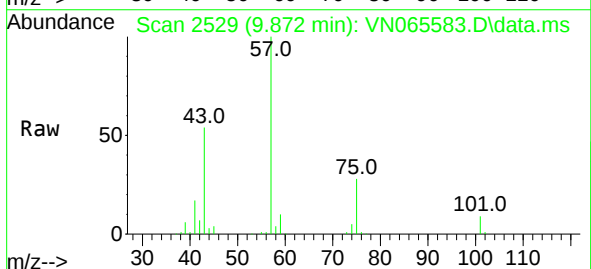
Instrument :
MSVOA_N
ClientSampled :

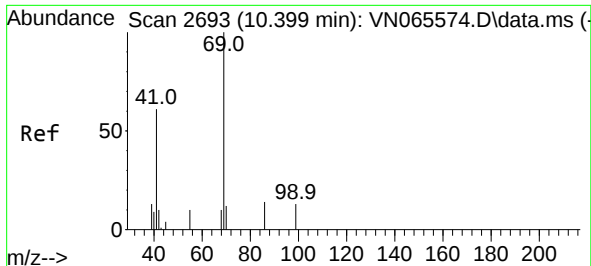
Tgt Ion: 43 Resp: 3696
Ion Ratio Lower Upper
43 100
58 43.0 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 7.39 ug/l
RT: 9.872 min Scan# 2529
Delta R.T. 0.065 min
Lab File: VN065583.D
Acq: 25 Jan 2021 17:46

Tgt Ion: 75 Resp: 33826
Ion Ratio Lower Upper
75 100
77 0.9 24.9 37.3#
39 22.7 36.2 54.4#

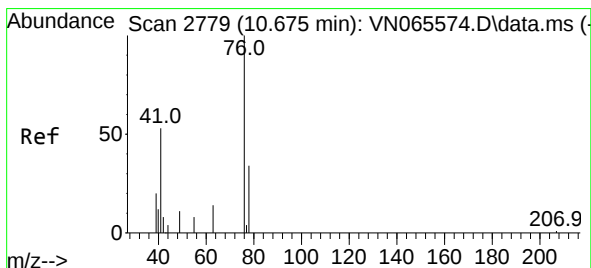
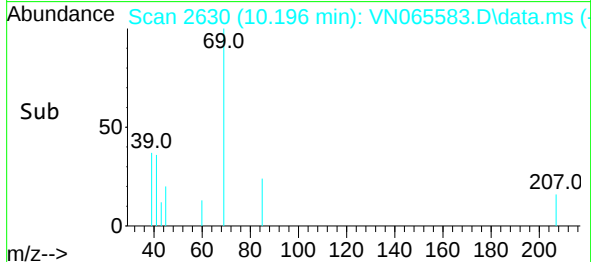
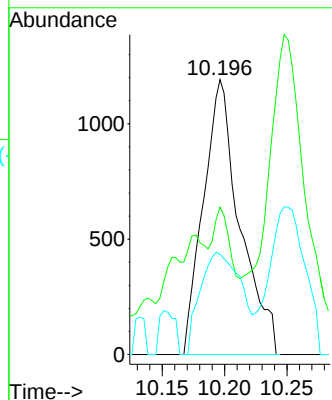
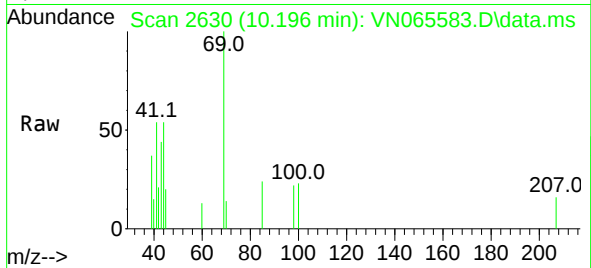




#56
Ethyl methacrylate
Concen: 0.60 ug/l
RT: 10.196 min Scan# 2630
Delta R.T. -0.203 min
Lab File: VN065583.D
Acq: 25 Jan 2021 17:46

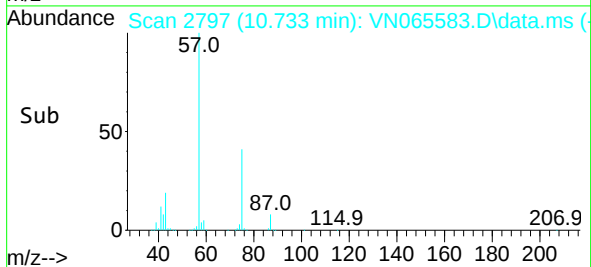
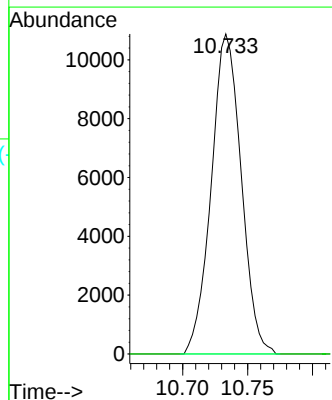
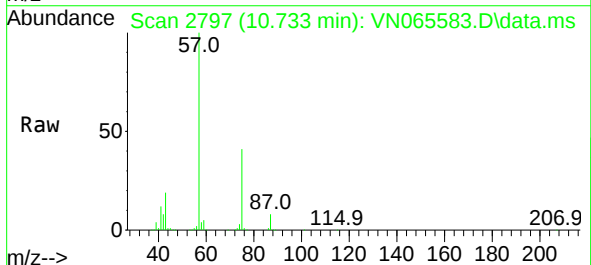
Instrument :
MSVOA_N
ClientSampleId :

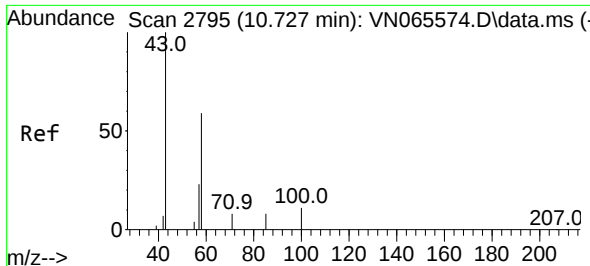
Tgt Ion: 69 Resp: 2427
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 41.6 28.0 42.0



#57
1,3-Dichloropropane
Concen: 4.05 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065583.D
Acq: 25 Jan 2021 17:46

Tgt Ion: 76 Resp: 17430
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

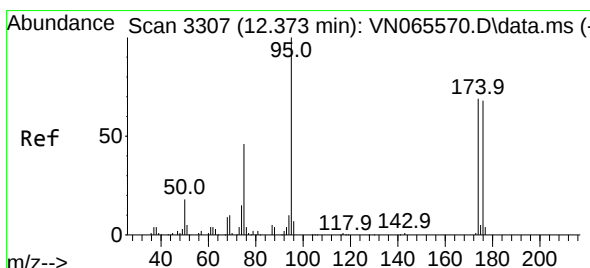
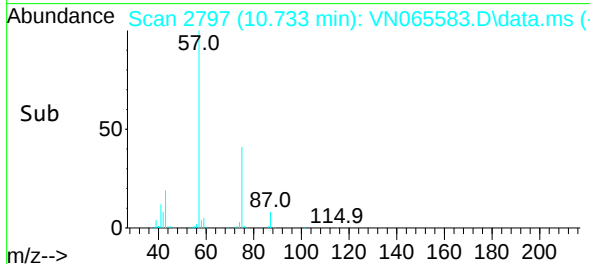
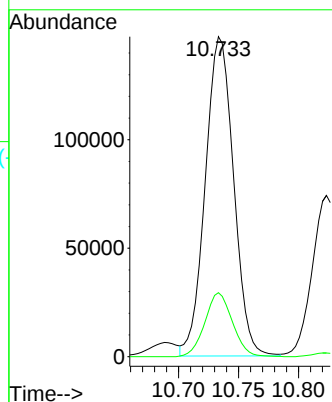
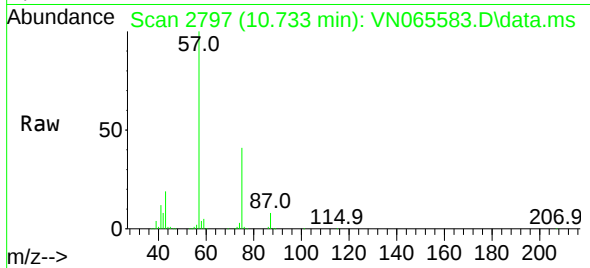




#59
2-Hexanone
Concen: 104.91 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065583.D
Acq: 25 Jan 2021 17:46

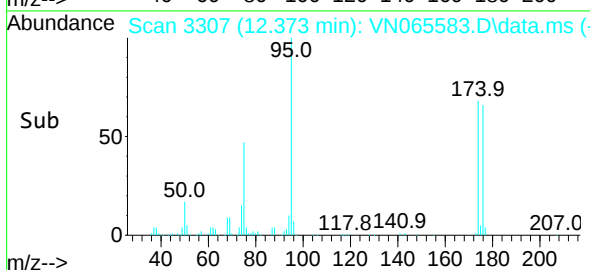
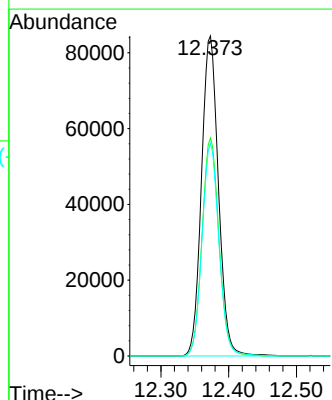
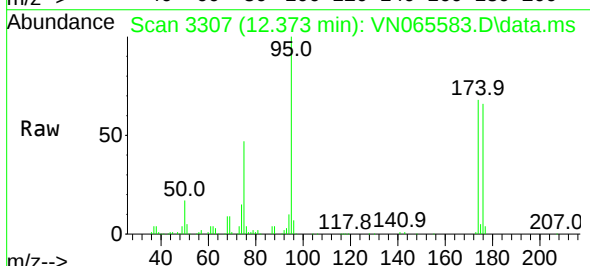
Instrument :
MSVOA_N
ClientSampled :

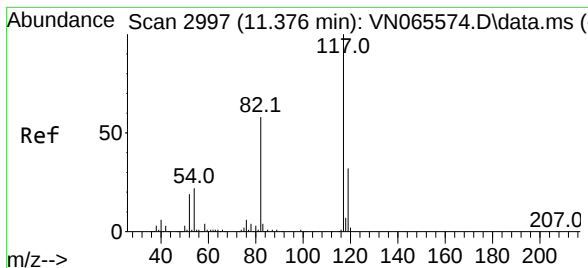
Tgt Ion: 43 Resp: 241978
Ion Ratio Lower Upper
43 100
58 19.5 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 49.64 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065583.D
Acq: 25 Jan 2021 17:46

Tgt Ion: 95 Resp: 146564
Ion Ratio Lower Upper
95 100
174 68.2 0.0 169.0
176 66.0 0.0 162.4

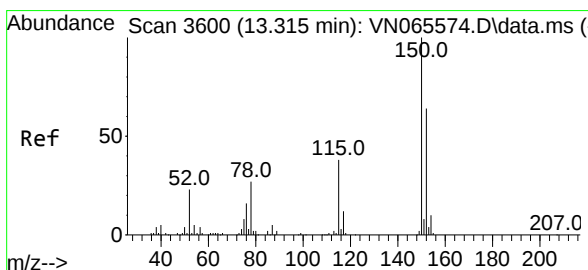
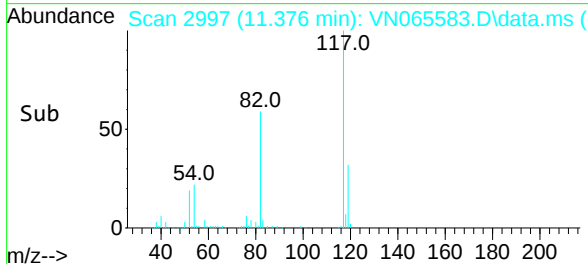
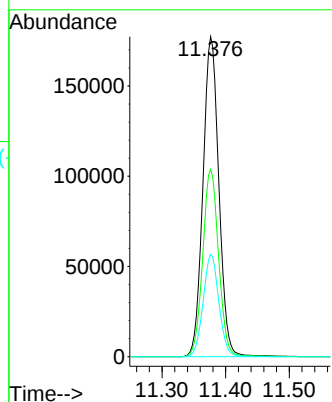
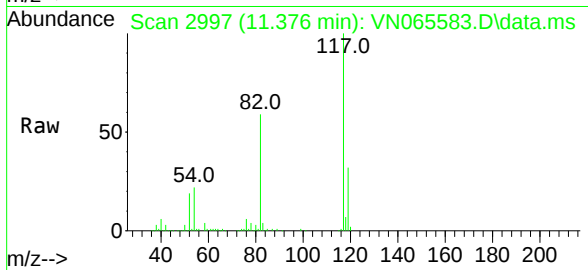




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065583.D
Acq: 25 Jan 2021 17:46

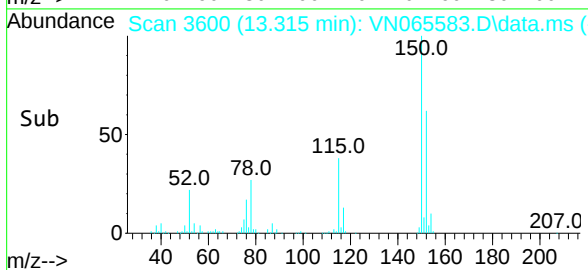
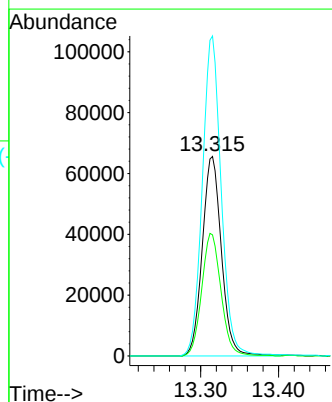
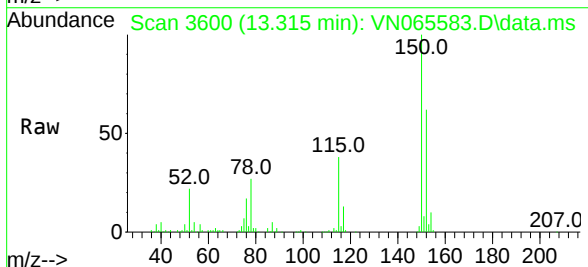
Instrument :
MSVOA_N
ClientSampled :

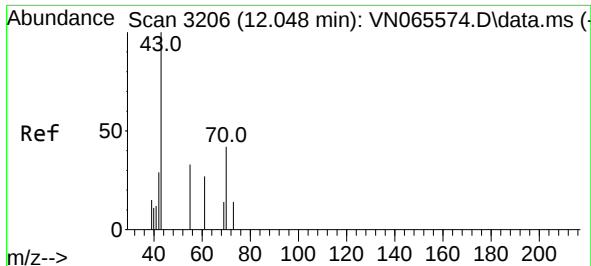
Tgt Ion:117 Resp: 307687
Ion Ratio Lower Upper
117 100
82 58.6 43.7 65.5
119 31.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065583.D
Acq: 25 Jan 2021 17:46

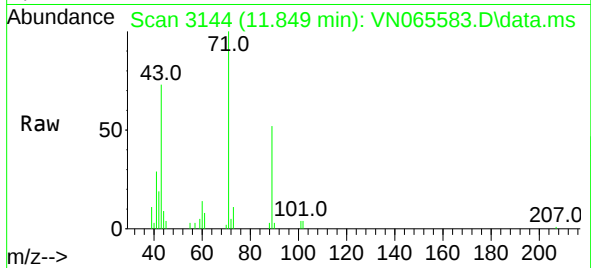
Tgt Ion:152 Resp: 112037
Ion Ratio Lower Upper
152 100
115 61.8 28.5 85.6
150 158.1 0.0 347.6



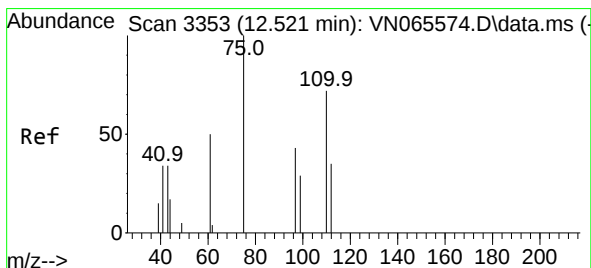
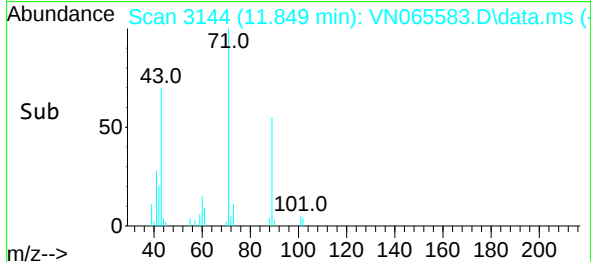
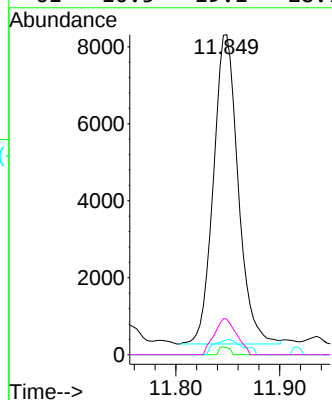


#74
N-amy1 acetate
Concen: 3.21 ug/l
RT: 11.849 min Scan# 3144
Delta R.T. -0.190 min
Lab File: VN065583.D
Acq: 25 Jan 2021 17:46

Instrument :
MSVOA_N
ClientSampleId :

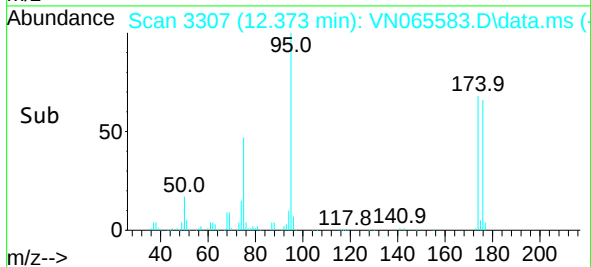
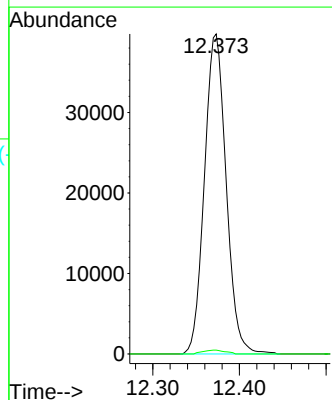
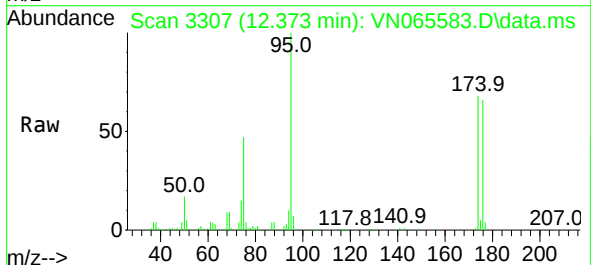


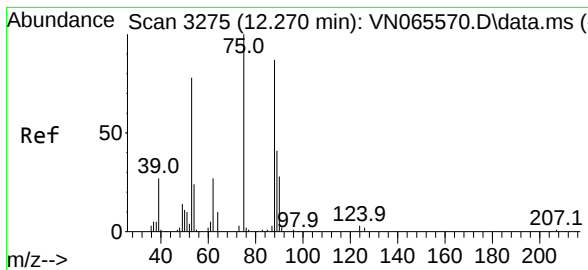
Tgt Ion:	43	Resp:	13299
Ion	Ratio	Lower	Upper
43	100		
70	1.1	34.4	51.6#
55	5.6	20.7	31.1#
61	10.5	19.1	28.7#



#76
1,2,3-Trichloropropane
Concen: 23.63 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065583.D
Acq: 25 Jan 2021 17:46

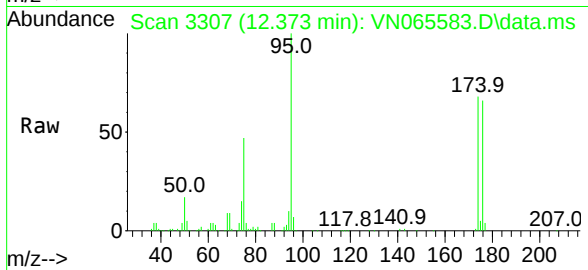
Tgt Ion:	75	Resp:	69215
Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.51 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN065583.D
 Acq: 25 Jan 2021 17:46

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 69215
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#

